

#2

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/865,294

DATE: 06/15/2001
 TIME: 16:40:02

Input Set : A:\620233_1.txt
 Output Set: N:\CRF3\06152001\I865294.raw

ENTERED

3 <110> APPLICANT: Wang, Chang Yi
 5 <120> TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
 6 prevention and treatment of Alzheimer's Disease
 8 <130> FILE REFERENCE: 1151-4167
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/865,294
 11 <141> CURRENT FILING DATE: 2001-5-25
 13 <160> NUMBER OF SEQ ID NOS: 76
 15 <170> SOFTWARE: PatentIn Ver. 2.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 15
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Hepatitis B virus
 22 <400> SEQUENCE: 1
 23 Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu Asp
 24 1 5 10 15
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 30
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Bordetella pertussis
 32 <400> SEQUENCE: 2
 33 Lys Lys Leu Arg Arg Leu Leu Tyr Met Ile Tyr Met Ser Gly Leu Ala
 34 1 5 10 15
 36 Val Arg Val His Val Ser Lys Glu Glu Gln Tyr Tyr Asp Tyr
 37 20 25 30
 40 <210> SEQ ID NO: 3
 41 <211> LENGTH: 17
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Clostridium tetani
 45 <400> SEQUENCE: 3
 46 Lys Lys Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
 47 1 5 10 15
 49 Leu
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 22
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Clostridium tetani
 58 <400> SEQUENCE: 4
 59 Lys Lys Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys
 60 1 5 10 15
 62 Val Ser Ala Ser His Leu
 63 20
 66 <210> SEQ ID NO: 5
 67 <211> LENGTH: 15
 68 <212> TYPE: PRT
 69 <213> ORGANISM: Bordetella pertussis
 71 <400> SEQUENCE: 5
 72 Tyr Met Ser Gly Leu Ala Val Arg Val His Val Ser Lys Glu Glu

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/865,294

DATE: 06/15/2001
TIME: 16:40:02

Input Set : A:\620233_1.txt
Output Set: N:\CRF3\06152001\I865294.raw

```

73      1              5              10              15
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 27
78 <212> TYPE: PRT
79 <213> ORGANISM: Clostridium tetani
81 <400> SEQUENCE: 6
82 Tyr Asp Pro Asn Tyr Leu Arg Thr Asp Ser Asp Lys Asp Arg Phe Leu
83      1              5              10              15
85 Gln Thr Met Val Lys Leu Phe Asn Arg Ile Lys
86      20              25
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 24
91 <212> TYPE: PRT
92 <213> ORGANISM: Pertusaria trachythallina
94 <400> SEQUENCE: 7
95 Gly Ala Tyr Ala Arg Cys Pro Asn Gly Thr Arg Ala Leu Thr Val Ala
96      1              5              10              15
98 Glu Leu Arg Gly Asn Ala Glu Leu
99      20
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 15
104 <212> TYPE: PRT
105 <213> ORGANISM: Measles virus
107 <400> SEQUENCE: 8
108 Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly Val
109      1              5              10              15
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 20
114 <212> TYPE: PRT
115 <213> ORGANISM: Escherichia coli
117 <400> SEQUENCE: 9
118 Gly Ile Leu Glu Ser Arg Gly Ile Lys Ala Arg Ile Thr His Val Asp
119      1              5              10              15
121 Thr Glu Ser Tyr
122      20
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 17
127 <212> TYPE: PRT
128 <213> ORGANISM: Clostridium tetani
130 <400> SEQUENCE: 10
131 Trp Val Arg Asp Ile Ile Asp Asp Phe Thr Asn Glu Ser Ser Gln Lys
132      1              5              10              15
134 Thr
138 <210> SEQ ID NO: 11
139 <211> LENGTH: 16
140 <212> TYPE: PRT
141 <213> ORGANISM: Clostridium tetani
143 <400> SEQUENCE: 11
144 Asp Val Ser Thr Ile Val Pro Tyr Ile Gly Pro Ala Leu Asn His Val

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/865,294

DATE: 06/15/2001

TIME: 16:40:02

Input Set : A:\620233_1.txt

Output Set: N:\CRF3\06152001\I865294.raw

```

145      1              5              10              15
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 25
150 <212> TYPE: PRT
151 <213> ORGANISM: Chlamydia trachomatis
153 <400> SEQUENCE: 12
154 Ala Leu Asn Ile Trp Asp Arg Phe Asp Val Phe Cys Thr Leu Gly Ala
155      1              5              10              15
157 Thr Thr Gly Tyr Leu Lys Gly Asn Ser
158              20              25
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 23
163 <212> TYPE: PRT
164 <213> ORGANISM: Diphtheria
166 <400> SEQUENCE: 13
167 Asp Ser Glu Thr Ala Asp Asn Leu Glu Lys Thr Val Ala Ala Leu Ser
168      1              5              10              15
170 Ile Leu Pro Gly His Gly Cys
171              20
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 39
176 <212> TYPE: PRT
177 <213> ORGANISM: Diphtheria
179 <400> SEQUENCE: 14
180 Glu Glu Ile Val Ala Gln Ser Ile Ala Leu Ser Ser Leu Met Val Ala
181      1              5              10              15
183 Gln Ala Ile Pro Leu Val Gly Glu Leu Val Asp Ile Gly Phe Ala Ala
184              20              25              30
186 Thr Asn Phe Val Glu Ser Cys
187              35
190 <210> SEQ ID NO: 15
191 <211> LENGTH: 21
192 <212> TYPE: PRT
193 <213> ORGANISM: Plasmodium falciparum
195 <400> SEQUENCE: 15
196 Asp His Glu Lys Lys His Ala Lys Met Glu Lys Ala Ser Ser Val Phe
197      1              5              10              15
199 Asn Val Val Asn Ser
200              20
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 17
205 <212> TYPE: PRT
206 <213> ORGANISM: Schistosoma mansoni
208 <400> SEQUENCE: 16
209 Lys Trp Phe Lys Thr Asn Ala Pro Asn Gly Val Asp Glu Lys His Arg
210      1              5              10              15
212 His
216 <210> SEQ ID NO: 17
217 <211> LENGTH: 14

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/865,294

DATE: 06/15/2001
 TIME: 16:40:02

Input Set : A:\620233_1.txt
 Output Set: N:\CRF3\06152001\I865294.raw

```

218 <212> TYPE: PRT
219 <213> ORGANISM: Escherichia coli
221 <400> SEQUENCE: 17
222 Gly Leu Gln Gly Lys His Ala Asp Ala Val Lys Ala Lys Gly
223   1           5           10
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 19
228 <212> TYPE: PRT
229 <213> ORGANISM: Escherichia coli
231 <400> SEQUENCE: 18
232 Gly Leu Ala Ala Gly Leu Val Gly Met Ala Ala Asp Ala Met Val Glu
233   1           5           10           15
235 Asp Val Asn
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 20
241 <212> TYPE: PRT
242 <213> ORGANISM: Escherichia coli
244 <400> SEQUENCE: 19
245 Ser Thr Glu Thr Gly Asn Gln His His Tyr Gln Thr Arg Val Val Ser
246   1           5           10           15
248 Asn Ala Asn Lys
249           20
252 <210> SEQ ID NO: 20
253 <211> LENGTH: 20
254 <212> TYPE: PRT
255 <213> ORGANISM: Hepatitis B virus
257 <400> SEQUENCE: 20
258 Ser Asp Phe Phe Pro Ser Val Arg Asp Leu Leu Asp Thr Ala Ser Ala
259   1           5           10           15
261 Leu Tyr Arg Glu
262           20
265 <210> SEQ ID NO: 21
266 <211> LENGTH: 12
267 <212> TYPE: PRT
268 <213> ORGANISM: Chlamydia trachomatis
270 <400> SEQUENCE: 21
271 Thr Ile Asn Lys Pro Lys Gly Tyr Val Gly Lys Glu
272   1           5           10
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 15
277 <212> TYPE: PRT
278 <213> ORGANISM: Measles virus
280 <400> SEQUENCE: 22
281 Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly Val
282   1           5           10           15
285 <210> SEQ ID NO: 23
286 <211> LENGTH: 16
287 <212> TYPE: PRT
288 <213> ORGANISM: Measles virus

```

RAW SEQUENCE LISTING

DATE: 06/15/2001

PATENT APPLICATION: US/09/865,294

TIME: 16:40:02

Input Set : A:\620233_1.txt

Output Set: N:\CRF3\06152001\I865294.raw

290 <400> SEQUENCE: 23
291 Asp Leu Ser Asp Leu Lys Gly Leu Leu Leu His Lys Leu Asp Gly Leu
292 1 5 10 15
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 16
297 <212> TYPE: PRT
298 <213> ORGANISM: Measles virus
300 <400> SEQUENCE: 24
301 Glu Ile Ser Glu Ile Arg Gly Ile Ile Ile His Arg Ile Glu Gly Ile
302 1 5 10 15
305 <210> SEQ ID NO: 25
306 <211> LENGTH: 16
307 <212> TYPE: PRT
308 <213> ORGANISM: Measles virus
310 <400> SEQUENCE: 25
311 Asp Val Ser Asp Val Lys Gly Val Val Val His Lys Val Asp Gly Val
312 1 5 10 15
315 <210> SEQ ID NO: 26
316 <211> LENGTH: 16
317 <212> TYPE: PRT
318 <213> ORGANISM: Measles virus
320 <400> SEQUENCE: 26
321 Asp Phe Ser Asp Phe Lys Gly Phe Phe Phe His Lys Phe Asp Gly Phe
322 1 5 10 15
325 <210> SEQ ID NO: 27
326 <211> LENGTH: 15
327 <212> TYPE: PRT
328 <213> ORGANISM: Measles virus
330 <400> SEQUENCE: 27
331 Ile Ser Glu Ile Lys Gly Val Ile Val His Lys Ile Glu Gly Ile
332 1 5 10 15
335 <210> SEQ ID NO: 28
336 <211> LENGTH: 15
337 <212> TYPE: PRT
338 <213> ORGANISM: Measles virus
340 <400> SEQUENCE: 28
341 Met Thr Glu Ile Arg Thr Val Ile Val Thr Arg Met Glu Thr Met
342 1 5 10 15
345 <210> SEQ ID NO: 29
346 <211> LENGTH: 15
347 <212> TYPE: PRT
348 <213> ORGANISM: Measles virus
350 <400> SEQUENCE: 29
351 Leu Ser Glu Ile Lys Gly Val Ile Val His Lys Leu Glu Gly Val
352 1 5 10 15
355 <210> SEQ ID NO: 30
356 <211> LENGTH: 15
357 <212> TYPE: PRT
358 <213> ORGANISM: Measles virus

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/865,294

DATE: 06/15/2001

TIME: 16:40:03

Input Set : A:\620233_1.txt

Output Set: N:\CRF3\06152001\I865294.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:256 W: Invalid Numeric Header Field, Wrong Current FILING DATE:YYYY-MM-DD